

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. IOR-001	
		First Inventor Phillip Kaufman	
		Title	IONIZATION ANTENNA
		Express Mail Label No. EV355384422US	

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:
MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

<div style="display: flex; justify-content: space-between;"><div><div>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small></div><div>2. <input checked="" type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small></div><div>3. <input checked="" type="checkbox"/> Specification [Total Pages 18] <small>(preferred arrangement set forth below)</small><ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure</div><div>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 4]</div><div>5. Oath or Declaration [Total Sheets 5]<div style="margin-left: 20px;"><div>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</div><div>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small></div><div>i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></div></div></div><div>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</div></div><div style="width: 50%; vertical-align: top; padding: 5px;"><div>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</div><div>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<div style="margin-left: 20px;"><div>a. <input type="checkbox"/> Computer Readable Form (CRF)</div><div>b. Specification Sequence Listing on:<div style="display: flex; justify-content: space-between;"><div>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</div><div>ii. <input type="checkbox"/> Paper</div></div></div><div>c. <input type="checkbox"/> Statements verifying identity of above copies</div></div><div style="border: 1px solid black; padding: 5px; margin-top: 5px;">ACCOMPANYING APPLICATION PARTS</div><div>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</div><div>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small></div><div>11. <input type="checkbox"/> English Translation Document (if applicable)</div><div>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</div><div>13. <input type="checkbox"/> Preliminary Amendment</div><div>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></div><div>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></div><div>16. <input checked="" type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). <small>Applicant must attach form PTO/SB/35 or its equivalent.</small></div><div>17. <input type="checkbox"/> Other: <div style="border: 1px solid black; height: 20px; width: 100%;"></div></div></div></div><div style="border: 1px solid black; padding: 5px; margin-top: 10px;">18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:<div style="display: flex; justify-content: space-between; align-items: flex-start;"><div><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)</div><div>of prior application No.: _____</div></div><div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 5px;"><div>Prior application information: Examiner _____</div><div>Art Unit: _____</div></div><p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p></div><div style="border: 1px solid black; padding: 5px; margin-top: 10px;">19. CORRESPONDENCE ADDRESS</div><table border="1" style="width: 100%; border-collapse: collapse;"><tr><td colspan="2"><input checked="" type="checkbox"/> Customer Number: <div style="border: 1px solid black; padding: 2px 20px;">00959</div></td><td colspan="2">OR <input type="checkbox"/> Correspondence address below</td></tr><tr><td style="width: 15%;">Name</td><td colspan="3">LAHIVE & COCKFIELD, LLP Ralph A. Loren</td></tr><tr><td>Address</td><td colspan="3">28 State Street</td></tr><tr><td>City</td><td>Boston</td><td>State</td><td>MA</td></tr><tr><td>Country</td><td>US</td><td>Zip Code</td><td>02109</td></tr><tr><td></td><td>Telephone</td><td>(617) 227-7400</td><td>Fax (617) 742-4214</td></tr></table><table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"><tr><td style="width: 30%;">Name (Print/Type)</td><td>David R. Burns</td><td style="width: 30%;">Registration No. (Attorney/Agent)</td><td>46,590</td></tr><tr><td>Signature</td><td></td><td>Date</td><td>November 20, 2003</td></tr></table></div> <div data-bbox="214 1816 1432 1885" data-label="Text"><p>I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV355384422US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.</p></div> <div data-bbox="217 1902 469 1927" data-label="Text"><p>Dated: November 20, 2003</p></div> <div data-bbox="609 1902 1266 1927" data-label="Text"><p>Signature: (David R. Burns)</p></div>	<input checked="" type="checkbox"/> Customer Number: <div style="border: 1px solid black; padding: 2px 20px;">00959</div>		OR <input type="checkbox"/> Correspondence address below		Name	LAHIVE & COCKFIELD, LLP Ralph A. Loren			Address	28 State Street			City	Boston	State	MA	Country	US	Zip Code	02109		Telephone	(617) 227-7400	Fax (617) 742-4214	Name (Print/Type)	David R. Burns	Registration No. (Attorney/Agent)	46,590	Signature		Date	November 20, 2003
<input checked="" type="checkbox"/> Customer Number: <div style="border: 1px solid black; padding: 2px 20px;">00959</div>		OR <input type="checkbox"/> Correspondence address below																														
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Signature		Date	November 20, 2003																													

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 40.00

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Phillip Kaufman
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	IOR-001

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number

12-0080

Deposit Account Name

Lahive & Cockfield, LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☒ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	385.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					385.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
19	-20** =		0.00
Independent Claims	3	-3** =	0.00
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00

SUBMITTED BY

Name (Print/Type)	David R. Burns	Registration No. (Attorney/Agent)	46,590	Telephone	(617) 227-7400
Signature	David R. Burns			Date	November 20, 2003

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Dated: November 20, 2003

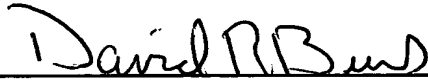
Signature: David R. Burns (David R. Burns)

Certificate of Express Mailing Under 37 CFR 1.10

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on November 20, 2003
Date



Signature

David R. Burns

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Application Data Sheet

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor		Phillip Kaufman
	Title	IONIZATION ANTENNA	
	Attorney Docket No.		IOR-001

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

November 20, 2003

Date

David R Burns

Signature

(617) 227-7400

Telephone Number

David R. Burns - 46,590

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

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Dated: November 20, 2003

Signature:

David R Burns

(David R. Burns)